

# Chem-Impex International, Inc.

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## Certificate of Analysis

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|--------------------------|---|
| <b>Catalogue Number</b>  | 14332   |
| <b>Product</b>           | <b>Z-O-tert-butyl-L-tyrosine</b>                |
| <b>Lot Number</b>        | 13258<br>Z-L-Tyr(tBu)-OH                        |
| <b>CAS Number</b>        | 5545-54-0                                       |
| <b>Molecular Formula</b> | C <sub>21</sub> H <sub>25</sub> NO <sub>5</sub> |
| <b>Molecular Weight</b>  | 371.44  |

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|-------------------------|--|
| <b>Appearance</b>       | White to yellowish white powder  |
| <b>Melting Point</b>    | 74 °C  |
| <b>Optical Rotation</b> | [α] <sub>D</sub> = +9.9° (C=2 in AcOH)   |
| <b>Loss on Drying</b>   | < 0.2%   |
| <b>Free Amino Acids</b> | < 0.1%   |
| <b>Other Enantiomer</b> | < 0.1%   |
| <b>Purity by HPLC</b>   | > 99%  |
| <b>Storage</b>          | Store at 0-8°C   |
| <b>Remarks</b>          | See material safety data sheet for additional information<br>For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**